

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001367

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: C12N 5/00, B01D 57/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

SEE ELECTRONIC DATABASE BOX BELOW

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
SEE ELECTRONIC DATABASE BOX BELOW

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPIDS, CAPLUS, MEDLINE, BIOSIS: Keywords: sperm, semen, electrophoresis, electric potential, membrane, barrier, permeable, polycarbonate, separate, sort?, purif?, select?

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2002/024314, A (The Texas A & M University System et al.) 28 March 2002. See whole document.	
A	WO 2002/093168, A (Gradipore Ltd) 21 November 2002. See whole document.	
A	DE 10149875, A (Alpha Technology Gesellschaft für Angewandte Biotechnologie mbH i.Ins.) 3 July 2003. See whole document.	

Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search 9 November 2004	Date of mailing of the international search report 19 NOV 2004
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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member				
WO	2002/024314	AU	91491/01	CA	2421450	
		US	2002043465		EP	1333910
WO	2002/093168	US	2003000836			
DE	10149875					
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.						
END OF ANNEX						